

**DERWENT-ACC-NO: 2003-742184**

**DERWENT-WEEK: 200370**

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**TITLE: Organic electroluminescence display device using low transmittance substrate**

**INVENTOR: KIM, T S**

**PATENT-ASSIGNEE: SAMSUNG SDI CO LTD[SMSU]**

**PRIORITY-DATA: 2001KR-0078103 (December 11, 2001)**

**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>	<b>PAGES</b>	<b>MAIN-IPC</b>
<b>KR <u>2003048230</u> A</b>	<b>June 19, 2003</b>	<b>N/A</b>	<b>001</b>	<b>H05B033/22</b>

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
<b>KR2003048230A</b>	<b>N/A</b>	<b>2001KR-0078103</b>	<b>December 11, 2001</b>

**INT-CL (IPC): H05B033/22**

**ABSTRACTED-PUB-NO: KR2003048230A**

**BASIC-ABSTRACT:**

**NOVELTY - An organic electroluminescence display device is provided to achieve improved contrast by preventing reflection of the light applied from an external source, while reducing manufacturing costs.**

**DETAILED DESCRIPTION - An organic electroluminescence display device**

**comprises**

**a thin film transistor, a capacitor and an organic electroluminescence layer formed sequentially on a substrate. The substrate is a tint glass substrate(20) having a predetermined transmittance of 35 to 70%. The tint glass substrate is partially dark patterned. By using the tint glass substrate, a display light(24) emitted from red, green and blue phosphor layers has an intensity similar to the intensity of the light in case where a polarizer plate is used.**

**CHOSEN-DRAWING: Dwg.1/10**

**TITLE-TERMS: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE LOW  
TRANSMITTANCE  
SUBSTRATE**

**DERWENT-CLASS: U11 U14 X26**

**EPI-CODES: U11-D03; U14-J02; X26-J;**